

Day : Tuesday
Date: 2/6/2007

Time: 14:29:29

PALM INTRANET

Inventor Information for 10/686012

Inventor Name	City	State/Country
DOBBS, SUZANNE W.	KINGSPORT	TENNESSEE
OLDFIELD, TERRY A.	KINGSPORT	TENNESSEE
COOK, PHILLIP M.	KINGSPORT	TENNESSEE
BRYAN, WILLIAM R.	KINGSPORT	TENNESSEE

[Appn Info](#) [Contents](#) [Petition Info](#) [Atty/Agent Info](#) [Continuity/Reexam](#) [Foreign](#)

Search Another: Application# or Patent#
PCT / / or PG PUBS #
Attorney Docket #
Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

WEST Search History

DATE: Tuesday, February 06, 2007

<u>Hide?</u>	<u>Set Name Query</u>	<u>Hit Count</u>
<i>DB=USPT; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L46 US-4874604-A.did.	1
<input type="checkbox"/>	L45 US-34157-E.did.	0
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L44 L43 and @ad<19980120	96
<input type="checkbox"/>	I9 and (hair adj spray)	143
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L42 L41 and @ad<19980120	25
<input type="checkbox"/>	odor same I9	89
<input type="checkbox"/>	(isopropanol or (ethyl adj alcohol) or ethanol)same ((methyl or butyl) adj acetate)	18582
<input type="checkbox"/>	I34 and ((methyl or butyl) adj acetate)	114
<input type="checkbox"/>	I34 and ((methyl or butyl) near acetate)	138
<input type="checkbox"/>	L32 and (hair near2 spray)	387
<input type="checkbox"/>	L33 L32 and hair	2847
<input type="checkbox"/>	L32 L31 and @ad<19980120	64141
<input type="checkbox"/>	acetate same (isopropanol or (ethyl adj alcohol) or ethanol)	129265
<input type="checkbox"/>	aceate same (isopropanol or (ethyl adj alcohol) or ethanol)	49
<input type="checkbox"/>	L29 L28 and (hair near3 spray)	85
<input type="checkbox"/>	L28 L27 and @ad<19980120	4586
<input type="checkbox"/>	I9 same ((ethyl adj alcohol) or ethanol)	9131
<i>DB=USPT; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	'5660816'.pn.	1
<input type="checkbox"/>	'4289752'.pn.	1
<i>DB=PGPB; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	US-20040136936-A1.did.	1
<input type="checkbox"/>	US-20040136936-A1.did.	1
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L22 L21 and @ad<19980120	96
<input type="checkbox"/>	(methyl adj acetate) and (hair adj spray)	143
<input type="checkbox"/>	I19 and (hair adj spray)	54
<input type="checkbox"/>	I17 and ethanol	223
<input type="checkbox"/>	L18 L17 and VOC	0
<input type="checkbox"/>	L17 L15 and fixative	224

<input type="checkbox"/>	L16	L15 and fixtive	0
<input type="checkbox"/>	L15	L14 and cosmetic	315
<input type="checkbox"/>	L14	L10 and @ad<19980120	406
<input type="checkbox"/>	L13	L12 and @ad<19980120	276
<input type="checkbox"/>	L12	I11 and hair and cosmetic	492
<input type="checkbox"/>	L11	L9 same ethanol	8361
<input type="checkbox"/>	L10	L9 and (hair)	1064
<input type="checkbox"/>	L9	methyl adj acetate	22810

DB=USPT; PLUR=YES; OP=OR

<input type="checkbox"/>	L8	'5173290'.pn.	1
<input type="checkbox"/>	L7	'5567428'.pn.	1
<input type="checkbox"/>	L6	'5686062'.pn.	1
<input type="checkbox"/>	L5	'5989570'.pn.	1
<input type="checkbox"/>	L4	'4289752'.pn.	1

DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR

<input type="checkbox"/>	L3	6752983.pn.	2
<input type="checkbox"/>	L2	5266303 .pn.	2
<input type="checkbox"/>	L1	4173627.pn.	2

END OF SEARCH HISTORY

[First Hit](#) [Fwd Refs](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

Generate Collection

Print

L34: Entry 58 of 387

File: USPT

Feb 2, 1999

DOCUMENT-IDENTIFIER: US 5866040 A
TITLE: Complex and emulsified composition

Application Filing Date (1):

19940727

Detailed Description Text (107):

Hair spray consisting of the following formulating ingredients in the following formulating ratios was prepared.

Detailed Description Text (108):

This hair spray was prepared by the following procedure.

Detailed Description Text (109):

To an oil phase in which liquid paraffin and oleic acid were dissolved was added, while agitation was continued with a homogenizer, an aqueous phase in which sodium 2-undecyl-N,N,N-(hydroxyethylcarboxymethyl)-2-imidazoline were dissolved with a part of purified water, whereby a W/O type emulsified composition was obtained, and the composition thus obtained was filled in a can, and thereafter, a liquid mixture consisting of ethanol, perfume, anionic macromolecule and purified water was added to the composition, and a valve was mounted to the can, following which dimethyl ether was filled in the can, whereby the hair spray was obtained.

Detailed Description Text (110):

The hair spray thus prepared had an excellent stability and low skin irritation.

Detailed Description Text (116):

A liquid mixture of acetyltriethyl citrate, n-butyl acetate, toluene, and isostearic acid (Emery #871: produced by Emery Co., Ltd.) was prepared, and to the mixture thus prepared were added nitrocellulose RS 1-4, an acrylic resin, sucrose benzoate, and camphor, and these were dissolved under agitation. Subsequently, a pigment and an organic modified bentonite were added to the solution obtained and dispersed under agitation. Subsequently, ethylhydroxyethylcellulose dissolved in ethanol and purified water containing Ovazoline 662-N and propylene glycohol were homogenously mixed, and the mixture obtained was added to the previously obtained dispersion, following which the newly obtained mixture was emulsified under agitation, whereby a red nail beautifying preparation was obtained.

Detailed Description Paragraph Table (7):

Wt. %	W/O type hair spray Formulating ingredients
	2-Undecyl-N,N,N- 0.08
(hydroxyethylcarboxymethyl)-2-imidazoline	sodium Oleic acid 0.3 Liquid paraffin 2.4
Ethanol 10.0 Perfume q.s. Anionic polymer 3.0 Dimethyl ether 75.0 Purified water	balance

Detailed Description Paragraph Table (9):

W/O type emulsified enamel Formulating ingredients	Ovazoline 662-N (produced
Wt. %	Isostearic acid (Emery #871:
by Toho Kagaku 1.7 K.K.) [effective content 30%]	

produced by 2.0 Emery Co., Ltd.) Purified water 20.0
Ethylhydroxyethylcellulose.sup.*1 0.5 Propylene glycol 2.0 Nitrocellulose
RS1/4.sup.*2 14.0 Acrylic resin.sup.*3 6.0 Sucrose benzoate 6.0 Acetyltriethyl
citrate 6.0 Camphor 1.5 n-Butyl acetate 22.0 Toluene 15.0 Pigment.sup.*4 1.0
Organically modified bentonite.sup.*5 1.0 Ethanol 5.0
.sup.*1 Mixed cellulose ether, most of the
three OH groups in cellulose being replaced by an ethoxyl or ethylhydroxyl group,
the 5% viscosity in toluene/95% ethanol (8:2) being 20 to 30 cps (25.degree. C.)
("EHECLOW": produced by Hercules Co., Ltd.) .sup.*2 Nitrocellulose with an
isopropyl alcohol wetness of 30%; pyroxyl RS 1/4 (produced by Daisel Co.,
Ltd.) .sup.*3 70:30 copolymer of butyl acrylate and methyl methacrylate, the
molecular weight thereof being about 200, ("Oligen BM3" produced by Matsumoto
Seiyaku Kogyo K.K.) .sup.*4 Dieve Maloon/titanium dioxide (4/1) .sup.*5 Distearyl
chloride dimethylammonium hectorite

Detailed Description Paragraph Table (18):

W/O type emulsified enamel Formulating
ingredients Wt. % Lebon 2000 (produced by
Sanyo Kasei K.K.) 1.7 [effective content 30%] Linoleic acid 2.0 Purified water 20.0
Ethylhydroxyethylcellulose.sup.*1 0.5 Propylene glycol 2.0 Nitrocellulose RS
1/4.sup.*2 14.0 Acrylic resin.sup.*3 6.0 Sucrose benzoate 8.0 Acetyltriethyl
citrate 6.0 Camphor 1.5 n-Butyl acetate 22.0 Toluene 15.0 Pigment.sup.*4 1.0
Organically modified bentonite.sup.*5 1.0 Ethanol 5.0
.sup.*1 Cellulose ether mixture, many of the
three OH groups in cellulose being replaced by an ethoxyl group or an ethylhydroxyl
group, 5% viscosit thereof in toluene/95% ethanol (8:2) being 20 to 30 cps
(EHECLOW: produce by Hercules Co., Ltd.) .sup.*2 Nitrocellulose with isopropyl
alcohol wetness of which is 30%; pyroxylin RS 1/4 (produced by Daisel Co.,
Ltd.) .sup.*3 70:30 copolymer of butyl acrylate and methyl methacrylate, the
molecular weight being about 2000, ("Oligen" BM3: Matsumoto Seiyaku Kogyo
K.K.) .sup.*4 Dieve maloon/titanium dioxide (4/1) .sup.*5
Stearyldimethylbenzylammoniumhectrite chloride

[Previous Doc](#)

[Next Doc](#)

[Go to Doc#](#)

[First Hit](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

End of Result Set

 [Generate Collection](#)

L40: Entry 61 of 61

File: DWPI

Jun 2, 1987

DERWENT-ACC-NO: 1987-169752

DERWENT-WEEK: 198724

COPYRIGHT 2007 DERWENT INFORMATION LTD

TITLE: Applying protective acrylic! coatings to human nails - using layers of a liq. acrylic monomer blend and polymethacrylate ester powder

Basic Abstract Text (1):

Protective acrylic coatings are applied to the human fingernail by: (a) cleaning the nail with an oil-free polish remover and then cleaning with a solvent contg. at least one of acetonitrile, methylene chloride, acetone, ethyl acetate, propionitrile, 1,1,1-trichloroethane, butane-2-one, methyl acetate and butyl acetate gps., (b) roughening the surface of the nial, (c) applying a layer of liq. methacrylic monomer blend to the surface of the nail, (d) applying a layer of polymethacrylic ester powder to the surface while still wet, (e) applying a second layer of liq. methacrylate monomer blend and (f) curing the coating, where, after the nail is cleaned, a water free soln. of biocide is applied. The biocide is e.g. n-alkyldimethylbenzyl ammonium chloride, cetyl pyridinium bromide, 5-methyl-2-isopropyl cyclohexanol, 2-bornanone, cineole, safrole, bornyl chloride, 2-phenoxyethanol, benzyl alcohol, ethanol, thymol, chlorothymol.

PF Application Date (1):19841211[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

[First Hit](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)**End of Result Set** [Generate Collection](#) [Print](#)

L40: Entry 61 of 61

File: DWPI

Jun 2, 1987

DERWENT-ACC-NO: 1987-169752

DERWENT-WEEK: 198724

COPYRIGHT 2007 DERWENT INFORMATION LTD

TITLE: Applying protective acrylic! coatings to human nails - using layers of a liq. acrylic monomer blend and polymethacrylate ester powder

Basic Abstract Text (1):

Protective acrylic coatings are applied to the human fingernail by: (a) cleaning the nail with an oil-free polish remover and then cleaning with a solvent contg. at least one of acetonitrile, methylene chloride, acetone, ethyl acetate, propionitrile, 1,1,1-trichloroethane, butane-2-one, methyl acetate and butyl acetate gps., (b) roughening the surface of the nial, (c) applying a layer of liq. methacrylic monomer blend to the surface of the nail, (d) applying a layer of polymethacrylic ester powder to the surface while still wet, (e) applying a second layer of liq. methacrylate monomer blend and (f) curing the coating, where, after the nail is cleaned, a water free soln. of biocide is applied. The biocide is e.g. n-alkyldimethylbenzyl ammonium chloride, cetyl pyridinium bromide, 5-methyl-2-isopropyl cyclohexanol, 2-bornanone, cineole, safrole, bornyl chloride, 2-phenoxyethanol, benzyl alcohol, ethanol, thymol, chlorothymol.

PF Application Date (1):19841211[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)